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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 10/032,383 | 12/21/2001 | Tom K. Wentzel | KCC 4843 (KC# 15,400) | 5427 |

7590 07/31/2003

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EXAMINER

KIDWELL, MICHELE M

ART UNIT

PAPER NUMBER

3761

DATE MAILED: 07/31/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

EC

| | | | |
|------------------------------|------------------------|---------------------|--|
| Office Action Summary | Application No. | Applicant(s) | |
| | 10/032,383 | WENTZEL ET AL. | |
| | Examiner | Art Unit | |
| | Michele Kidwell | 3761 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 04 March 2003.
- 2a) This action is FINAL. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 2-22,24-35 and 37-57 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 2-22,24-35 and 37-57 is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on 21 December 2001 is/are: a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) The proposed drawing correction filed on 19 September 2002 is: a) approved b) disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All b) Some * c) None of:
1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. _____ .
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) The translation of the foreign language provisional application has been received.
- 15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) Notice of References Cited (PTO-892)
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO-1449) Paper No(s) 8 & 10.
- 4) Interview Summary (PTO-413) Paper No(s) _____ .
- 5) Notice of Informal Patent Application (PTO-152)
- 6) Other: _____ .

DETAILED ACTION

Information Disclosure Statement

The listing of references in the specification is not a proper information disclosure statement. 37 CFR 1.98(b) requires a list of all patents, publications, or other information submitted for consideration by the Office, and MPEP § 609 A(1) states, "the list may not be incorporated into the specification but must be submitted in a separate paper." Therefore, unless the references have been cited by the examiner on form PTO-892, they have not been considered.

The information disclosure statement filed April 11, 2002 fails to comply with 37 CFR 1.98(a)(2), which requires a legible copy of each U.S. and foreign patent; each publication or that portion which caused it to be listed; and all other information or that portion which caused it to be listed. It has been placed in the application file, but the information referred to therein has not been considered.

The information disclosure statement filed April 11, 2002 fails to comply with 37 CFR 1.98(a)(1), which requires a list of all patents, publications, or other information submitted for consideration by the Office. It has been placed in the application file, but the information referred to therein has not been considered.

Oath/Declaration

The oath or declaration is defective. A new oath or declaration in compliance with 37 CFR 1.67(a) identifying this application by application number and filing date is required. See MPEP §§ 602.01 and 602.02.

The oath or declaration is defective because:

The oath only includes pages 3 – 5. Pages 1 – 2 are not in the file.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 2 – 12, 14, 16 – 18, 20 – 22, 24, 26 – 27, 29, 31 – 35, 37 – 42, 44 – 46, 49 and 51 – 57 are rejected under 35 U.S.C. 102(b) as being anticipated by Roessler et al. (US 5,383,872).

As to claims 2 – 3, 32 – 33 and 37 – 38, Roessler discloses the absorbent article as an incontinence product and a diaper as set forth in col. 4, lines 4 – 10.

Regarding claims 4 and 5, Roessler discloses the fastener in a generally rectangular shape as set forth in figures 1 – 2.

As to claims 6, 34 and 39, Roessler discloses the active fastening surface of the flexible material to be substantially covered by active fastening material as set forth in col. 6, lines 42 – 45.

Regarding claims 7, 35 and 40, Roessler discloses the active fastening material as a plurality of hooks as set forth in col. 6, lines 35 – 37.

Regarding claims 8 – 10, Roessler discloses an article with the claimed row configuration and density as set forth in col. 6, line 68 to col. 7, line 7.

As to claims 11, 26 and 44 Roessler discloses the fastener comprising an anchor end (30) and a user end (31) as set forth in figures 5 – 9.

With reference to claim 12, Roessler discloses both the anchor end and the user end comprising a generally rectangular shape as set forth in figures 1 – 2.

With respect to claims 14, 16, 29, 31, 49 and 51 Roessler discloses an absorbent article wherein the fastener has the claimed length and width as set forth in col. 7, lines 8 – 12.

Regarding claims 17 – 18 and 45 – 46, Roessler discloses an absorbent article wherein the anchor end of the fastener is affixed to at least one outside surface of the outer cover by adhesive bonding in a pattern of dots as set forth in col. 6, lines 5 – 19.

Regarding claims 20 – 22, Roessler discloses an absorbent article wherein the outer cover provides an active landing material and comprises at least one attachment panel in the form of loop material as set forth in col. 7, lines 48 – 66.

With reference to claims 24 and 42, Roessler discloses an absorbent article wherein the pair of ears (17, 18) comprises elastomeric material as set forth in col. 4, lines 46 – 51. The ears are an integral part of the inside liner sheet (figure 2) which may be formed of an elastic material.

With respect to claim 27, Roessler discloses an absorbent article wherein the anchor end of the fastener is reinforced with glue as set forth in col. 6, lines 42 – 45.

As to claim 41, Roessler discloses an absorbent article wherein the outer cover comprises a pair of ears (17,18) as set forth in figure 1.

With reference to claim 52, Roessler et al. (hereinafter "Roessler") discloses a disposable absorbent article comprising a first waist region, a second waist region, a crotch region extending longitudinally between the first and second waist regions (figure 2), the absorbent article being foldable generally within the crotch region to configure said article with first waist region in generally opposed relationship with second waist region (figure 10) and at least one fastener comprising a single piece of flexible material having an active fastening surface adapted for anchoring to said article generally at said first waist region and for fastening to said article generally at said second waist region to secure said article on a wearer as set forth in figures 5 – 9.

As to claim 53, Roessler discloses an absorbent article wherein the article has an inner surface (21) and an outer surface (11) with the fastener being adapted for anchoring to the outer surface of the article generally at the first waist region and for fastening to the outer surface at the second waist region to secure the article on the wearer as set forth in figures 1 – 2, 10 and 12.

Regarding claim 54, Roessler discloses an article further comprising a liner defining a liner defining the inner surface of the article, an outer cover in opposed relationship with the liner and defining the outer surface of the article, and an absorbent

core between the liner and the outer cover as set forth in col. 4, lines 54 – 55 and in figure 2.

With reference to claim 55, Roessler discloses a disposable absorbent article comprising a first waist region, a second waist region, a crotch region extending longitudinally between the first and second waist regions (figure 2), the absorbent article being foldable generally within the crotch region to configure said article with first waist region in generally opposed relationship with second waist region (figure 10), an outer cover (11), a pair of ears generally at the first waist region (17,18) and at least one fastener comprising a single piece of flexible material having an active fastening surface adapted for anchoring to said article generally at said first waist region and for fastening to said article generally at said second waist region to secure said article on a wearer as set forth in figures 5 – 9.

As to claim 56, Roessler discloses an absorbent article wherein the ears are formed integrally with the outer cover at the first waist region of the article as set forth in figure 1.

With reference to claim 57, Roessler discloses a disposable absorbent article comprising a first waist region, a second waist region, a crotch region extending longitudinally between the first and second waist regions (figure 2), the absorbent article being foldable generally within the crotch region to configure said article with first waist region in generally opposed relationship with second waist region (figure 10) and at least one fastener comprising a single piece of flexible material having an active fastening surface adapted for anchoring to said article generally at said first waist region

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and being secured thereto with adhesive (col. col. 6, lines 5 – 19), and for fastening to said article generally at said second waist region to secure said article on a wearer as set forth in figures 5 – 9.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 13, 15, 19, 25, 28, 30, 43, 47 – 48 and 50 rejected under 35 U.S.C. 103(a) as being unpatentable over Roessler (US 5,383,872).

The difference between Roessler and claim 15 is the provision that the anchor end of the fastener has a shear strength of greater than 3,000 grams tensile.

Roessler teaches the fastener to have a shear force of 6.60 – 20.0 psi in col. 8, line 17.

It would have been obvious to one of ordinary skill in the art to modify the shear strength of Roessler, if necessary, since it has been held that where the general conditions of a claim are disclosed in the prior art, discovering to optimum or workable ranges involves only routine skill in the art.

With reference to claims 15, 28, 30, 48 and 50, see the rejection of claim 13.

The difference between Roessler and claim 19 is the provision that the adhesive bead is less than about .25 inches in width.

Roessler teaches an adhesive bead with a width as set forth in col. 6, lines 12 – 14 and in figures 5 – 9.

It would have been obvious to one of ordinary skill in the art to modify the width of the bead, if desired, since it has been held that where the general conditions of a claim are disclosed in the prior art, discovering to optimum or workable ranges involves only routine skill in the art.

The difference between Roessler and claim 25 is the provision that the elastomeric material is a neck-bonded laminate.

Roessler teaches the elastomeric material as a spunbond or meltblown web in col. 4, lines 46 – 53.

It would have been obvious to one of ordinary skill in the art to provide a neck-bond laminate in place spunbond or meltblown web since the substitution of one elastomeric material for another requires only a level of ordinary skill in the art.

As to claim 43, see the rejection of claim 25.

Regarding claim 47, see the rejection of claim 19.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michele Kidwell whose telephone number is 703-305-2941. The examiner can normally be reached on Monday - Friday, 7:30am - 4:00pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Weilun Lo can be reached on 703-308-1957. The fax phone numbers for the organization where this application or proceeding is assigned are 703-305-3590 for regular communications and 703-305-3590 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0858.

Michele Kidwell
Michele Kidwell
July 21, 2003

Weilun Lo
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